

Customer No.: 21874

Attorney Docket No.: 46342/57113  
Express Mail Label No.: **EL932680304US**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANTS:** S. Hinuma, et al.  
**U.S.S.N.:** N/A **ART UNIT:** Not Yet Known  
**FILED:** Herewith **EXAMINER:** Not Yet Known  
**FOR:** SCREENING METHOD

\*\*\*\*\*  
**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: **BOX PCT**, Assistant Commissioner for Patents, Washington, D.C. 20231 on February 21, 2002

By: 

Donna R. Davis

\*\*\*\*\*  
**BOX PCT**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. **LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

Customer No.: 21874  
Attorney Docket No.: 46342/57113  
U.S. Serial No.: N/A  
Filing Date: Herewith  
Group Art Unit: Not Yet Known  
Examiner: Not Yet Known  
Page 2

II. COPIES

- a. X Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. \_\_\_\_\_ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_. The following references were submitted to, and/or cited by, the Office in the prior application (s) and, therefore, are not required to be provided in this application.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

- a. X Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in a non English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. \_\_\_\_\_ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. \_\_\_\_\_ The following additional information is provided for the Examiner's consideration:

**FEES**

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)  
(check one box)

- a. X within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1). No fee or certification is required.
- b. \_\_\_\_\_ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2). No fee or certification is required.

Customer No.: 21874  
Attorney Docket No.: 46342/57113  
U.S. Serial No.: N/A  
Filing Date: Herewith  
Group Art Unit: Not Yet Known  
Examiner: Not Yet Known  
Page 3

- c. \_\_\_\_\_ Before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):  
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. \_\_\_\_\_ No certification; therefore, a fee in the amount of \$240.00 is required by 37 C.F.R. § 1.17(p).  
or  
b. \_\_\_\_\_ See the certification below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. \_\_\_\_\_ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or  
  
b. \_\_\_\_\_ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

Customer No.: 21874  
Attorney Docket No.: 46342/57113  
U.S. Serial No.: N/A  
Filing Date: Herewith  
Group Art Unit: Not Yet Known  
Examiner: Not Yet Known  
Page 4

c. \_\_\_\_\_ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

\_\_\_\_\_ Please charge Deposit Account No. 04-1105 in the amount of \$240.00 for the above-indicated fee. A triplicate copy of this paper is attached.

\_\_\_\_\_ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. **04-1105**.

Respectfully submitted,

Date: February 21, 2002

By: Kathryn A. Piffat, Ph.D.  
Kathryn A. Piffat, Ph.D.  
Reg. No. 34,901  
Attorney for Applicant(s)

Dike, Bronstein, Roberts & Cushman  
Intellectual Property Practice Group of  
EDWARDS & ANGELL, LLP  
P. O. Box 9169  
Boston, MA 02209  
Tel: (617) 439-4444  
Fax: (617) 439-4170  
BOS2\_191594.1

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>	<b>ATTY DOCKET NO.</b> 46342/57113	<b>SERIAL NO.</b> N/A
<b>APPLICANT(S)</b> S. Hinuma, et al.		
<b>FILING DATE</b> Herewith		<b>GROUP NO.</b> Not Yet Known

**UNITED STATES PATENT DOCUMENTS**

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLA SS	TRANSLATION YES    NO
BA    EP 0 845 529 A2		Europe	C12N	15/12	X
BB    JP 9-70289	1997-03-18	Japan	C12N	15/09	Abstract
BC    JP 10-313866	1998-12-2	Japan	C12N	15/09	Abstract
BD    JP 11-127872	1999-05-18	Japan	C12N	15/09	Abstract

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

CA	Sakurai, et al., "Orexins and Orexin Receptors: A Family of Hypothalamic Neuropeptides and G Protein-Coupled Receptors that Regulate Feeding Behavior," Cell, Vol. 92, February 20, 1998, pp. 573-585.
CB	Hinuma, et al., "A prolactin-releasing peptide in the brain," Nature, Vol. 393, 21 May 1998, pp. 272-276.
CC	Tatemoto, et al., "Isolation and Characterization of a Novel Endogenous Peptide Ligand for the Human APJ Receptor," Biochemical and Biophysical Research Communications Vol. 251, No. 2, pp. 471-476, (1998), Article No. RC989489.
CD	Meunier, "Working backwards to find answers," Nature, Vol. 393, 21 May 1998, pp. 211-212.

<b>EXAMINER:</b>	<b>DATE:</b>
------------------	--------------